

OLGA-W

~40° wide beam with flange. Assembly with holder and installation tape.

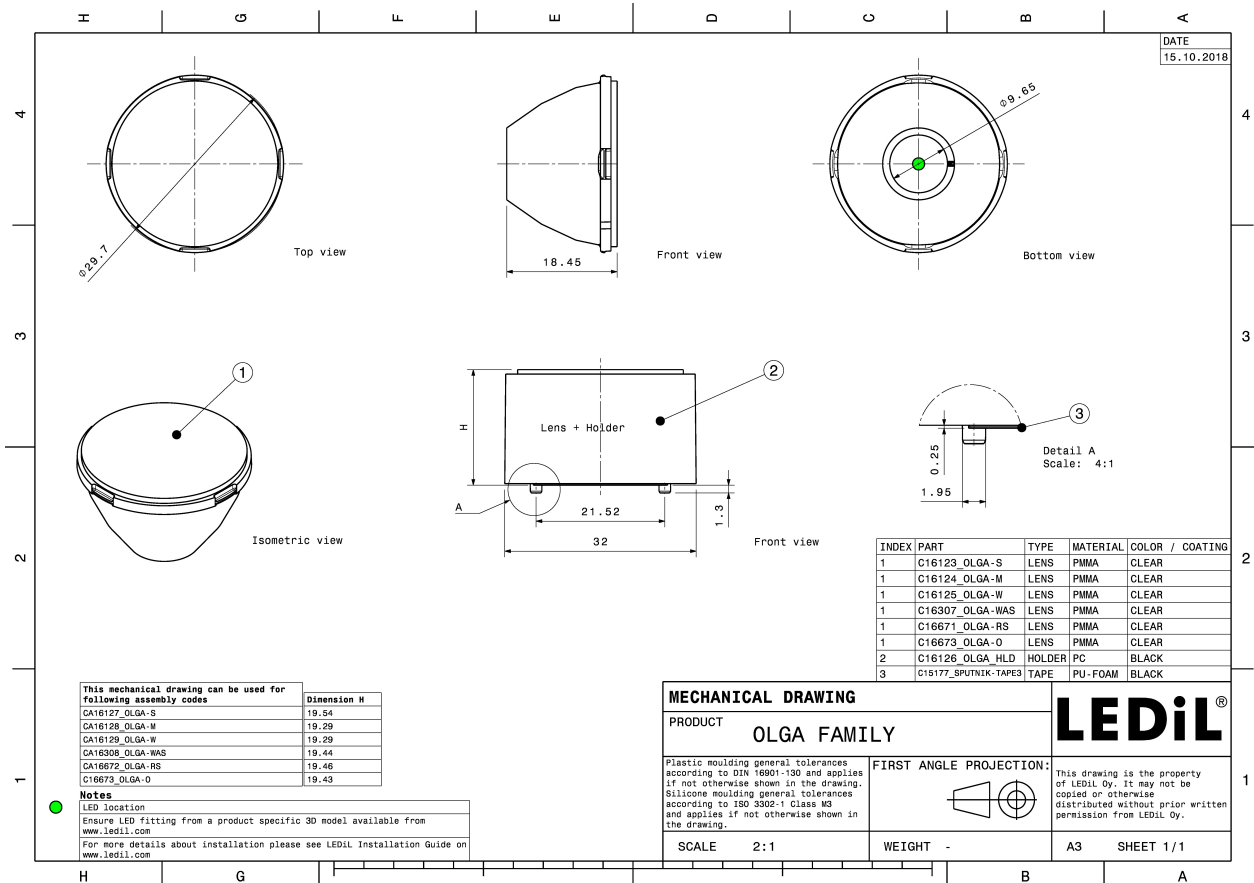
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.0 mm
Height	19.1 mm
Fastening	tape, pin
Colour	black
Box size	476 x 273 x 292 mm
Box weight	10 kg
Quantity in Box	792 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

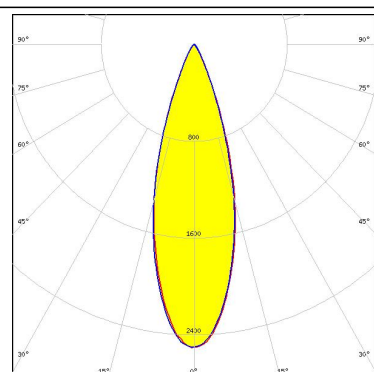
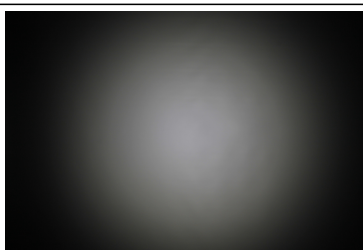
Component	Type	Material	Colour
OLGA-W	Single lens	PMMA	clear
OLGA-HLD	Holder	PC	black
SPUTNIK-TAPE3	Tape	PU tape	black



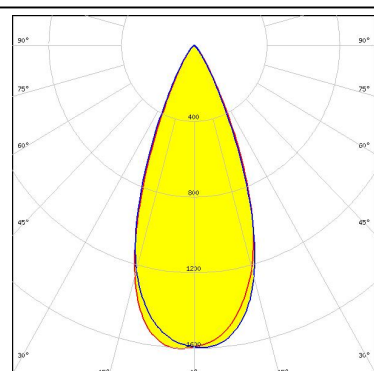
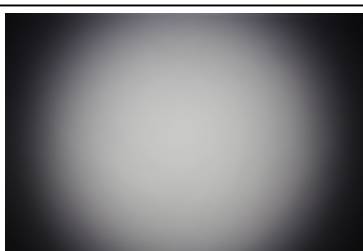
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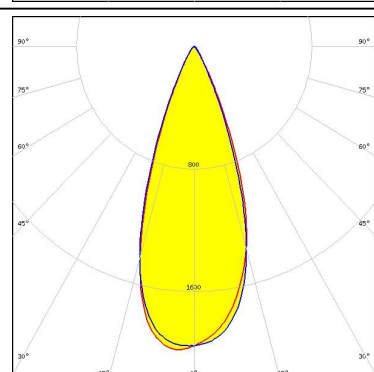
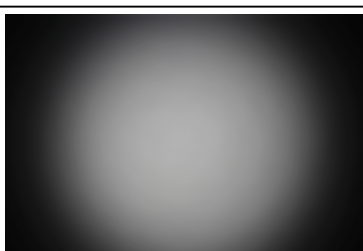
LED XD16
FWHM 32.0°
Efficiency 82 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



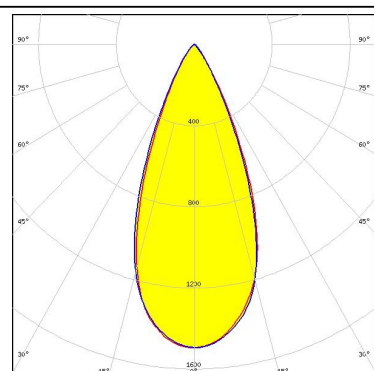
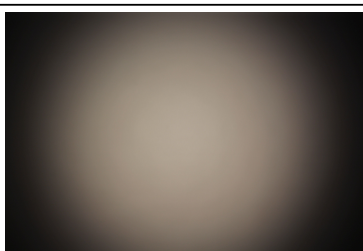
LED XHP35 HD
FWHM 42.0°
Efficiency 84 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HI
FWHM 38.0°
Efficiency 85 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



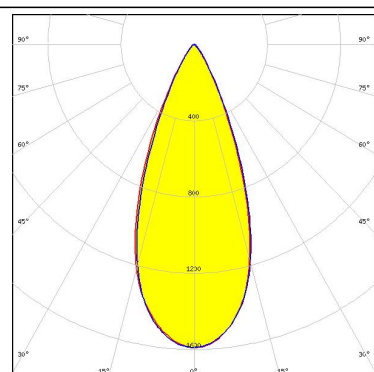
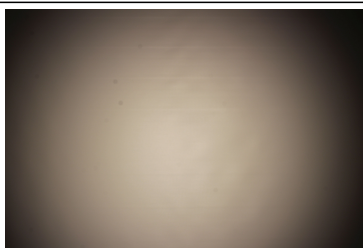
LED XHP50
FWHM 43.0°
Efficiency 84 %
Peak intensity 1.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



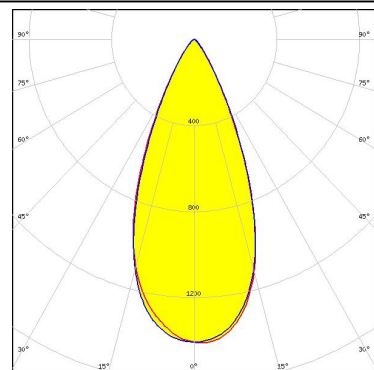
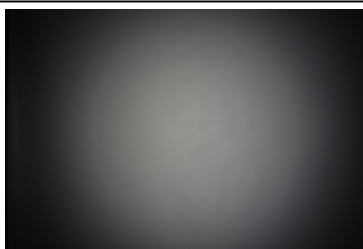
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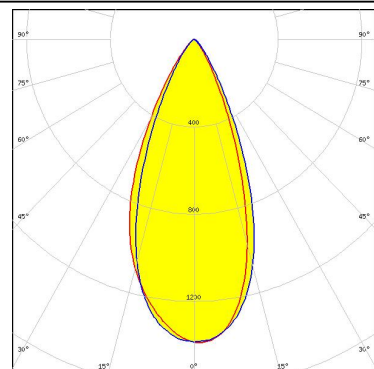
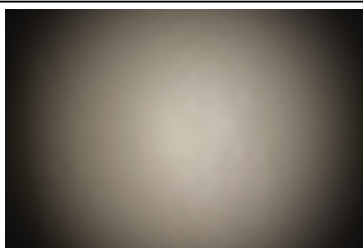
LED XHP50.2
FWHM 42.0°
Efficiency 84 %
Peak intensity 1.590 cd/lm
LEDs/each optic 1
Light colour White
Required components:



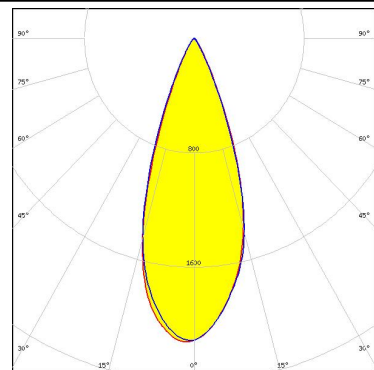
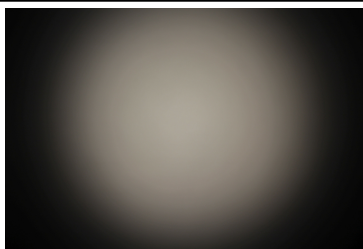
LED XHP70
FWHM 44.0°
Efficiency 84 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP70.2
FWHM 44.0°
Efficiency 83 %
Peak intensity 1.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



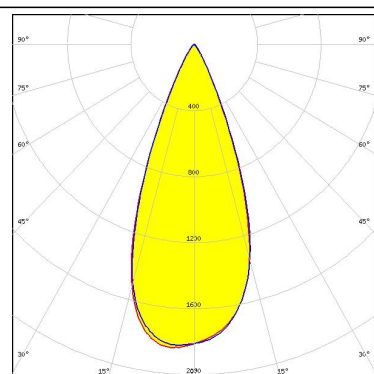
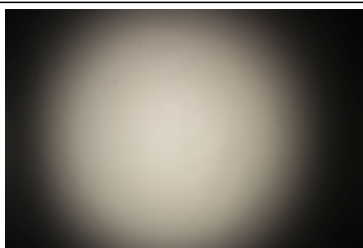
LED XP-E2
FWHM 37.0°
Efficiency 86 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



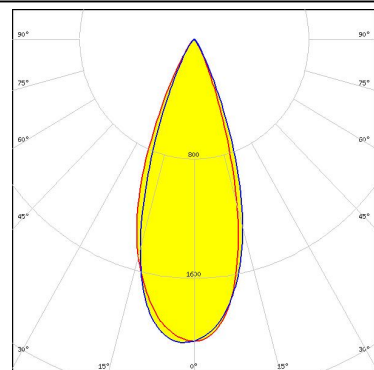
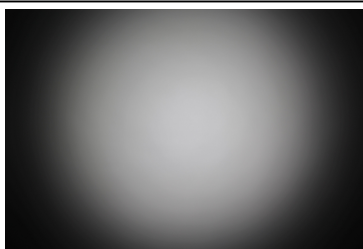
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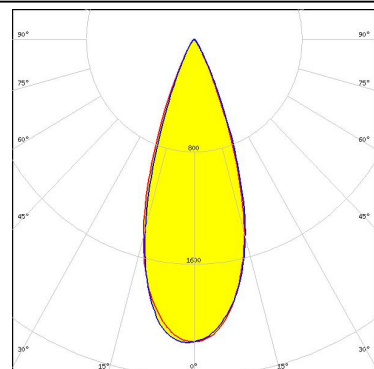
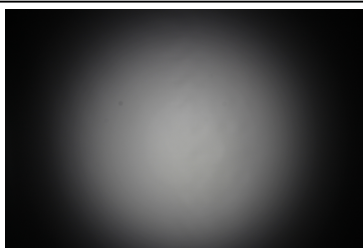
LED XP-G2
FWHM 41.0°
Efficiency 86 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



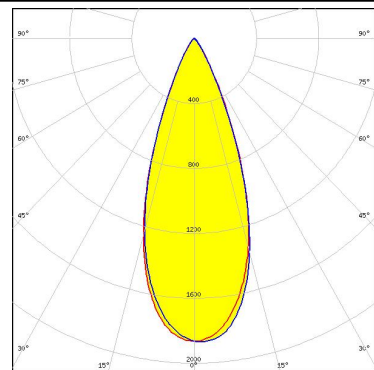
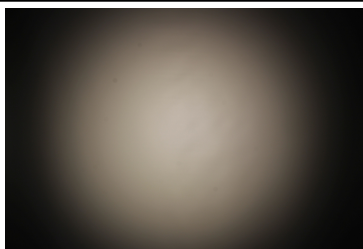
LED XP-G3
FWHM 37.0°
Efficiency 85 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L HI
FWHM 37.0°
Efficiency 86 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



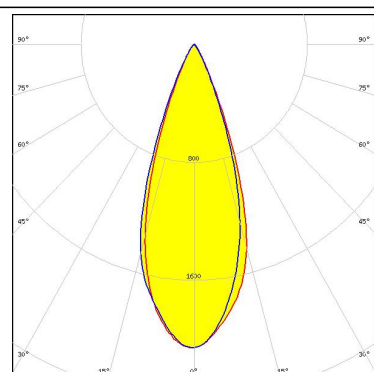
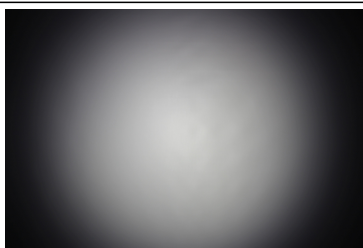
LED XP-L2
FWHM 39.0°
Efficiency 84 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



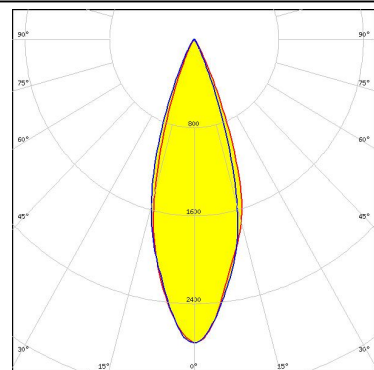
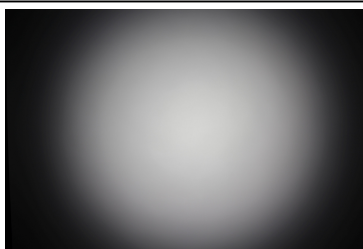
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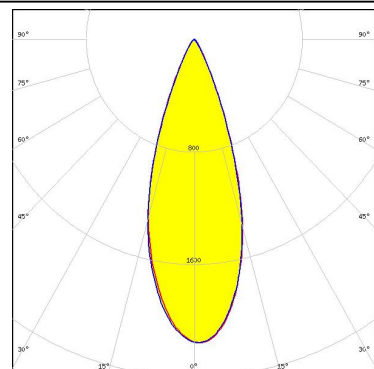
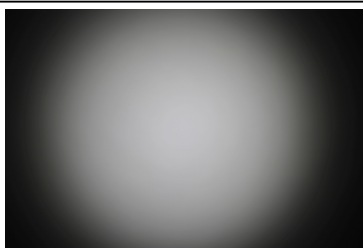
LED XQ-E HD
FWHM 37.0°
Efficiency 81 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



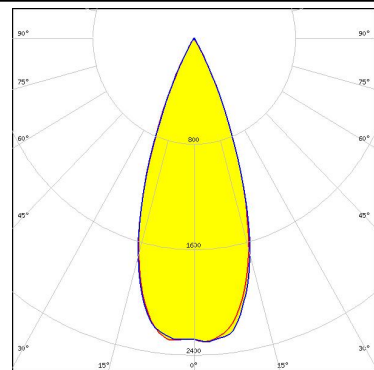
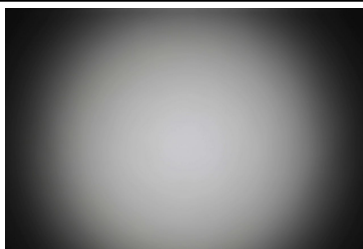
LED XQ-E HI
FWHM 34.0°
Efficiency 85 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XT-E
FWHM 35.0°
Efficiency 84 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



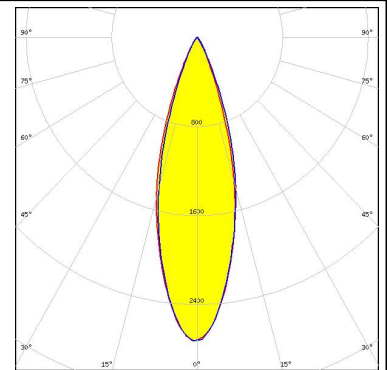
LED LUXEON 5050
FWHM 35.0°
Efficiency 86 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



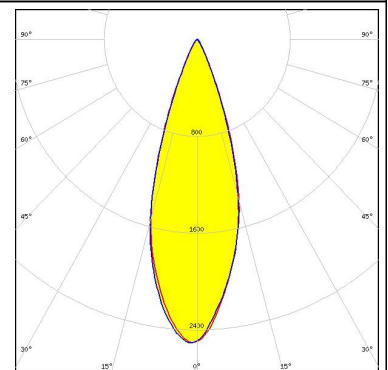
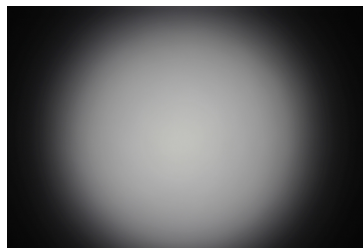
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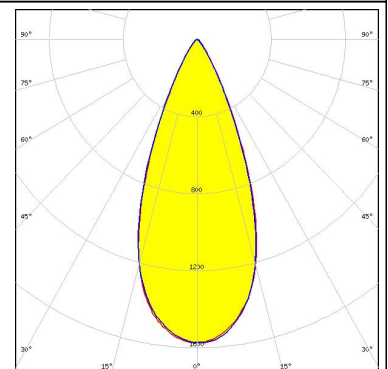
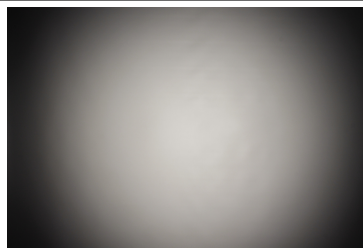
LED LUXEON C
FWHM 31.0°
Efficiency 84 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



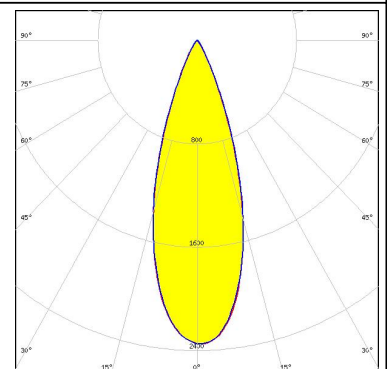
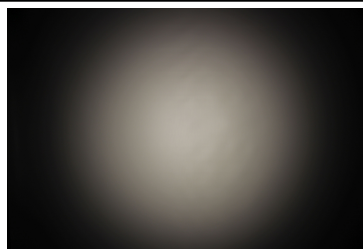
LED LUXEON CZ
FWHM 34.0°
Efficiency 86 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON M/MX
FWHM 42.0°
Efficiency 84 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



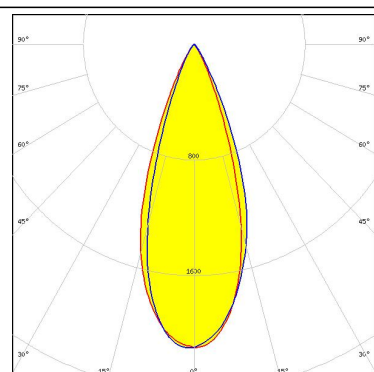
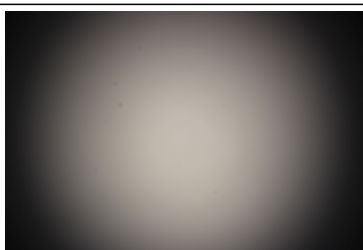
LED LUXEON MZ
FWHM 34.0°
Efficiency 86 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



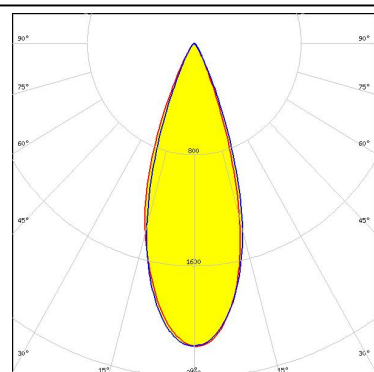
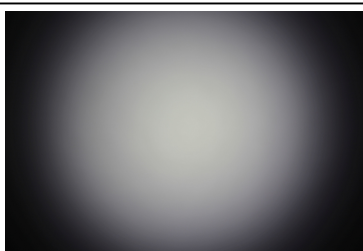
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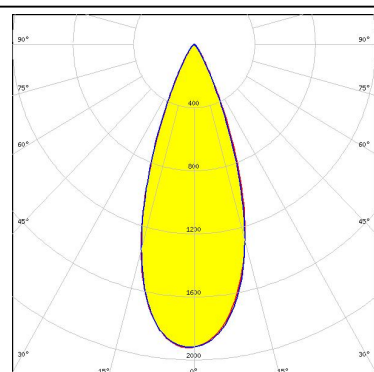
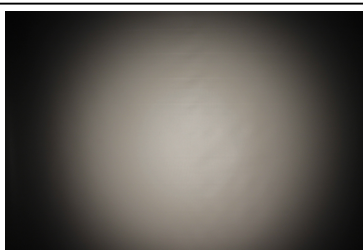
LED LUXEON Rebel ES
FWHM 37.0°
Efficiency 85 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



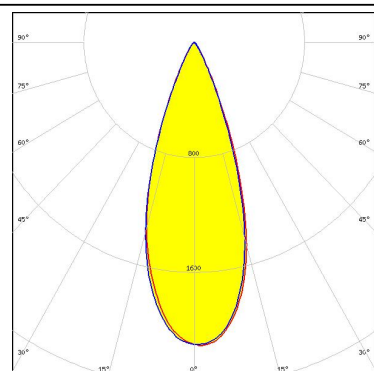
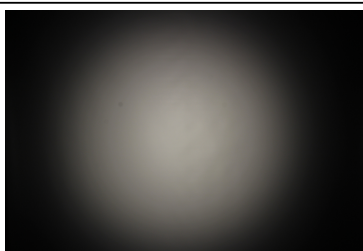
LED LUXEON TX
FWHM 36.0°
Efficiency 85 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON V
FWHM 38.0°
Efficiency 84 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



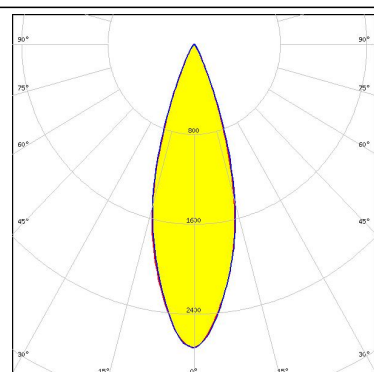
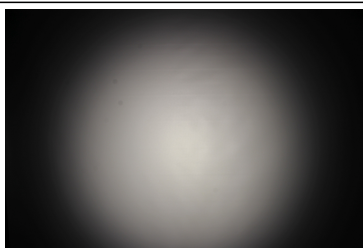
LED LUXEON V2
FWHM 37.0°
Efficiency 85 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



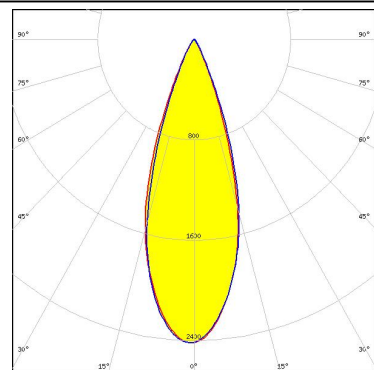
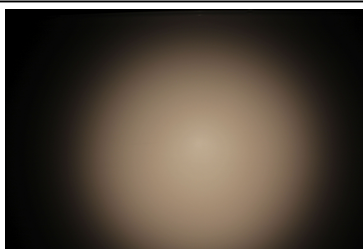
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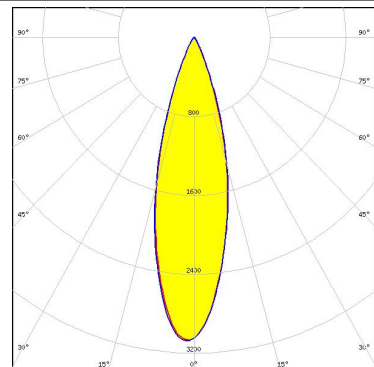
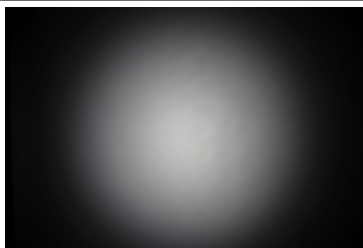
LED LUXEON Z
FWHM 32.0°
Efficiency 85 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



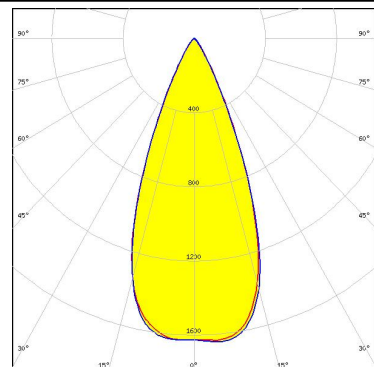
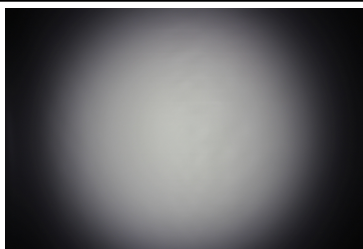
LED LUXEON Z ES
FWHM 35.0°
Efficiency 86 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM 28.0°
Efficiency 86 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



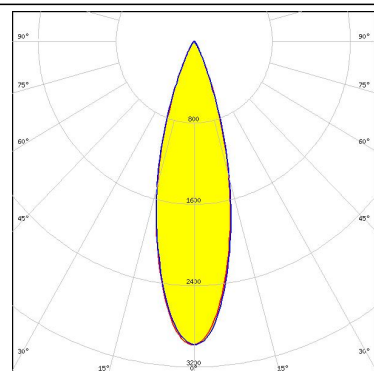
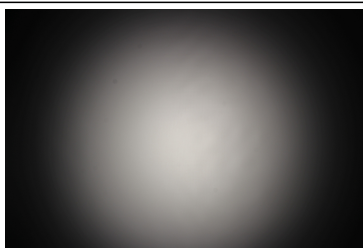
LED NVSW319B
FWHM 43.0°
Efficiency 86 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



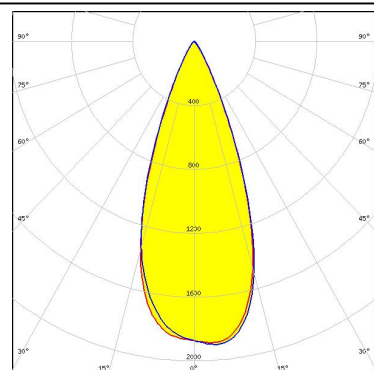
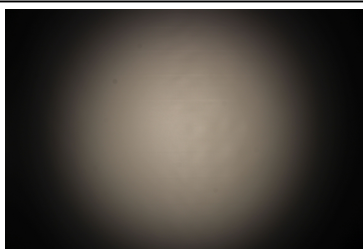
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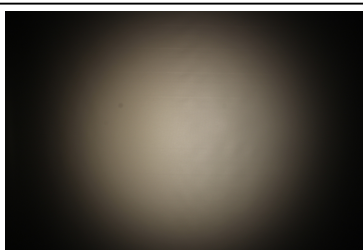
LED NVSxE21A
FWHM 29.0°
Efficiency 86 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



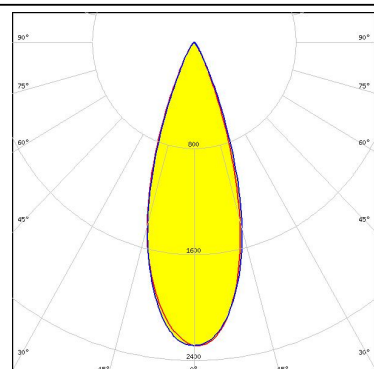
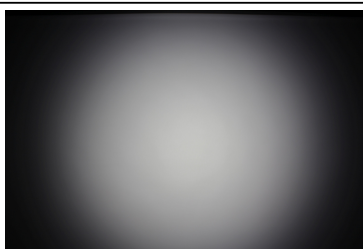
LED NVSxx19B/NVSxx19C
FWHM 39.0°
Efficiency 85 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S8
FWHM 36.0°
Efficiency 86 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3737 (2W version)
FWHM 35.0°
Efficiency 86 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:

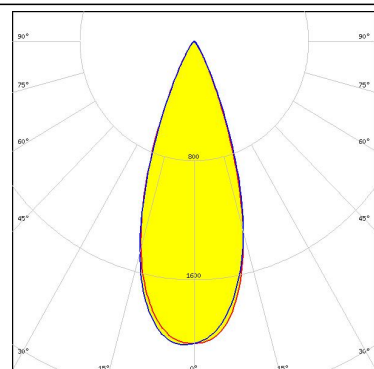
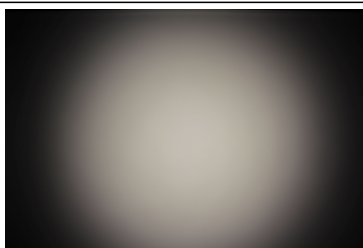


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

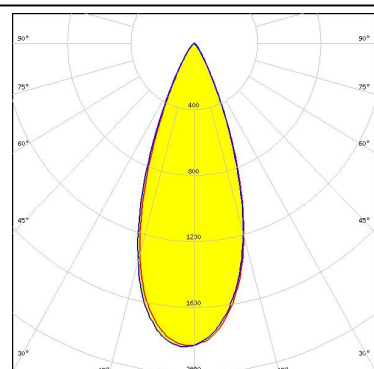
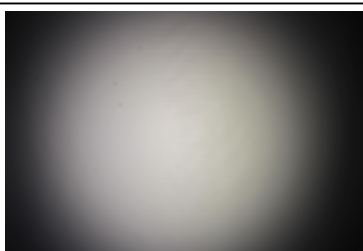
LED OSCONIQ P 3737 (3W version)
FWHM 38.0°
Efficiency 86 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

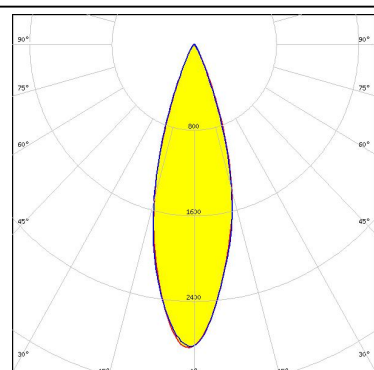
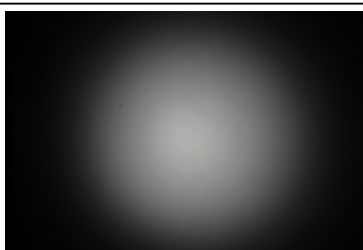
LED OSCONIQ P 7070
FWHM 39.0°
Efficiency 85 %
Peak intensity 1.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

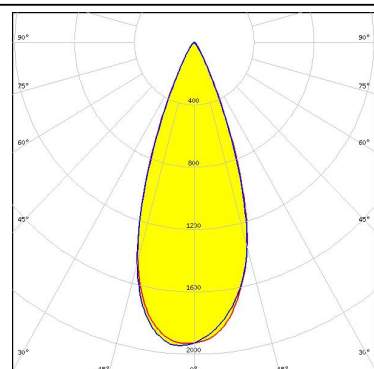
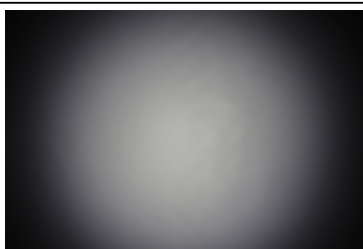
LED OSLON Black Flat
FWHM 31.0°
Efficiency 85 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

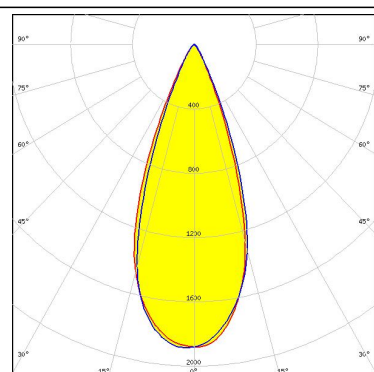
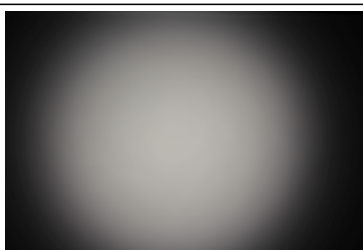
LED OSLON Square CSSRM2/CSSRM3
FWHM 39.0°
Efficiency 85 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

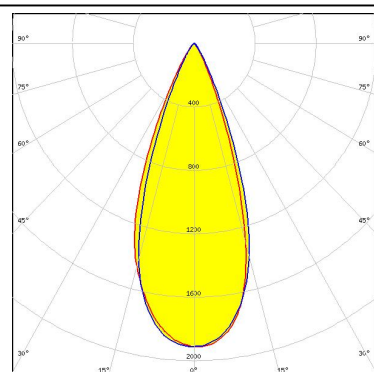
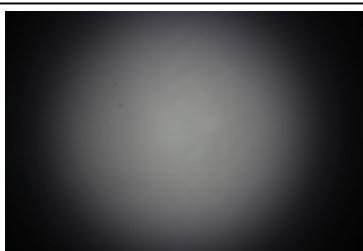
OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM 39.0°
Efficiency 84 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



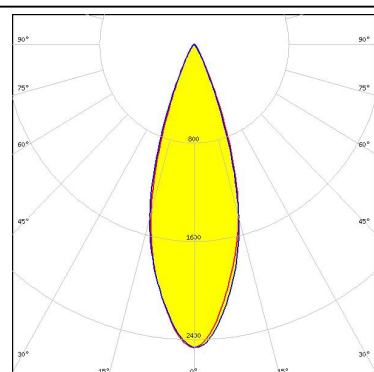
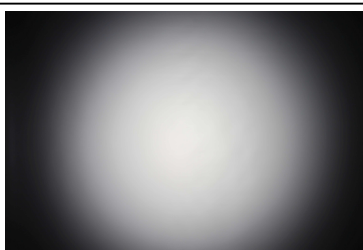
OSRAM
Opto Semiconductors

LED OSLON Square PC
FWHM 39.0°
Efficiency 85 %
Peak intensity 1.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



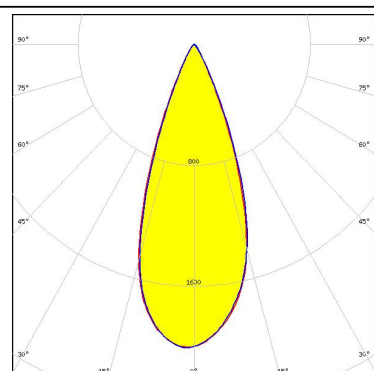
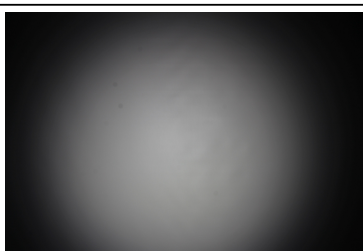
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 34.0°
Efficiency 85 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM
Opto Semiconductors

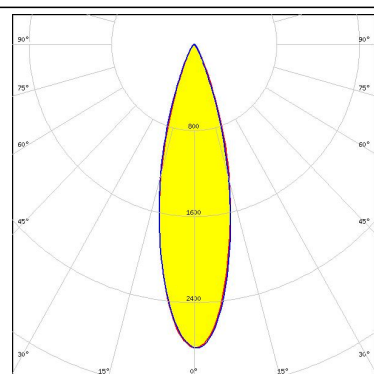
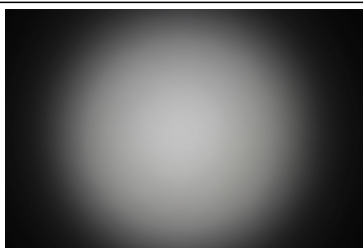
LED OSLON SSL 80
FWHM 38.0°
Efficiency 85 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

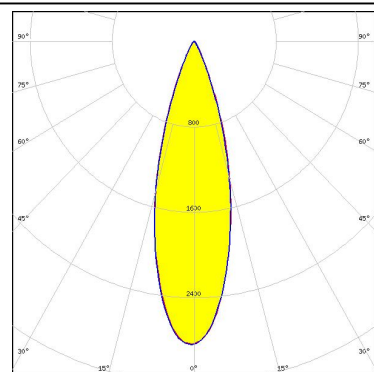
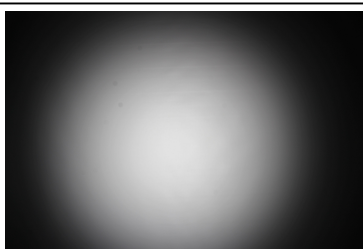
SAMSUNG

LED LH181A
FWHM 28.0°
Efficiency 82 %
Peak intensity 2.800 cd/m
LEDs/each optic 1
Light colour White
Required components:



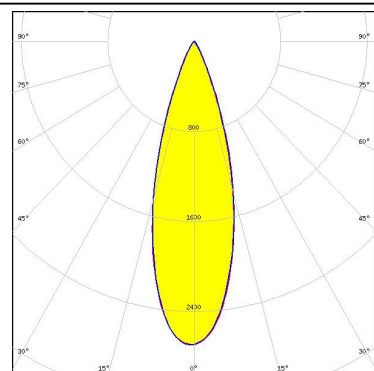
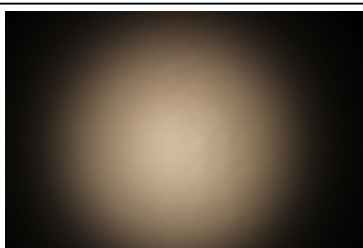
SAMSUNG

LED LH181B
FWHM 30.0°
Efficiency 85 %
Peak intensity 2.800 cd/m
LEDs/each optic 1
Light colour White
Required components:



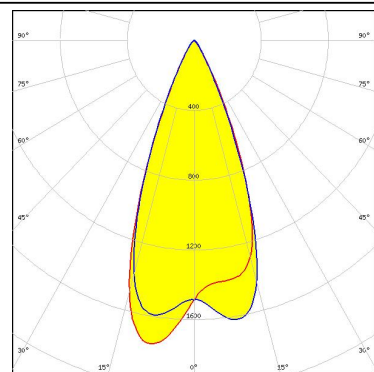
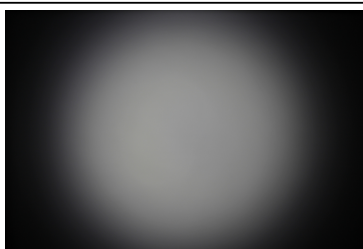
SAMSUNG

LED LH231B
FWHM 31.0°
Efficiency 86 %
Peak intensity 2.700 cd/m
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

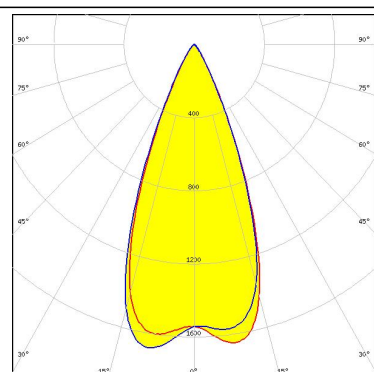
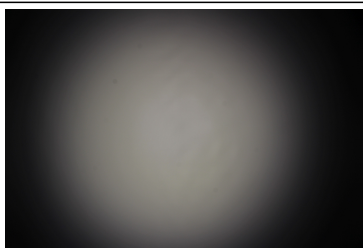
LED LH351B
FWHM 41.0°
Efficiency 85 %
Peak intensity 1.800 cd/m
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

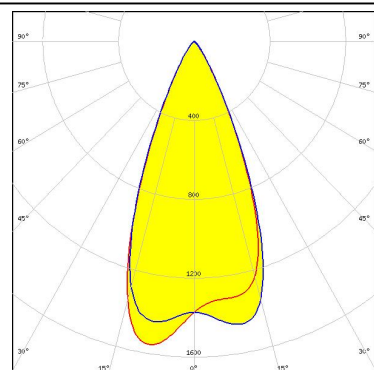
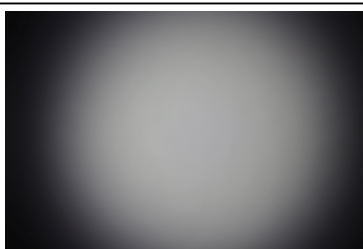
SAMSUNG

LED LH351C
FWHM 43.0°
Efficiency 86 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



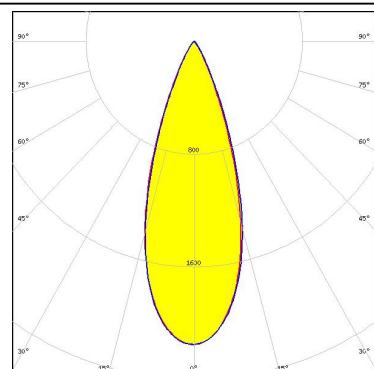
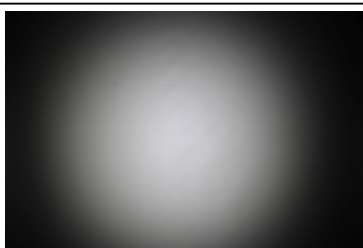
SAMSUNG

LED LH351D
FWHM 44.0°
Efficiency 85 %
Peak intensity 1.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



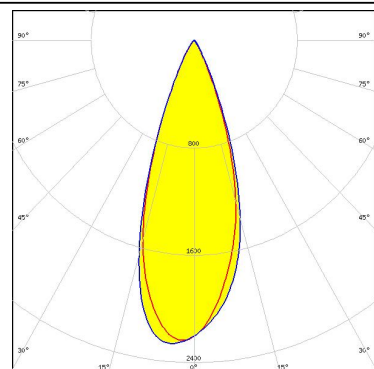
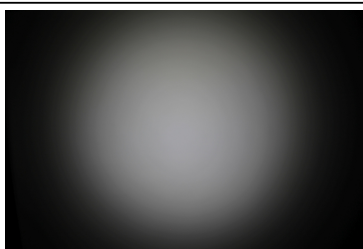
SAMSUNG

LED LH508A
FWHM 36.0°
Efficiency 86 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

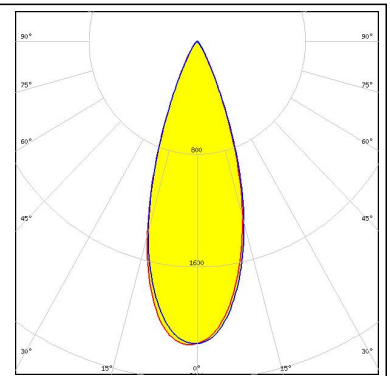
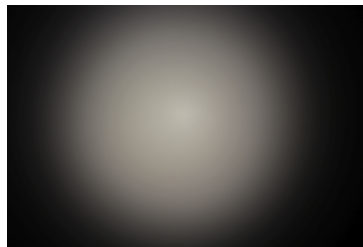
LED LM561B
FWHM 36.0°
Efficiency 86 %
Peak intensity 2.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):



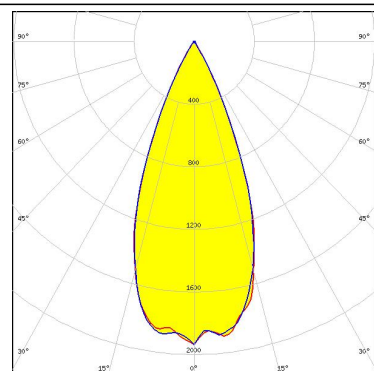
LED Z5M3
FWHM 36.0°
Efficiency 85 %
Peak intensity 2.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



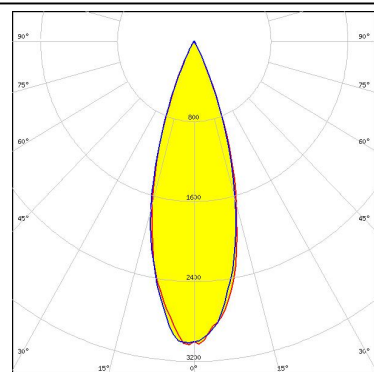
PHOTOMETRIC DATA (SIMULATED):



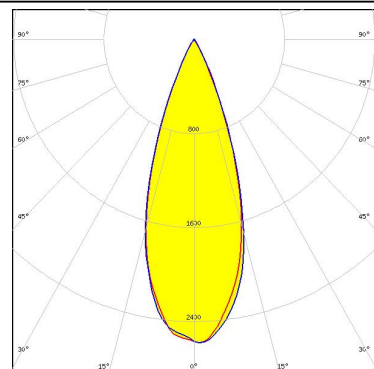
LED XHP50
FWHM 42.0°
Efficiency 92 %
Peak intensity 1.975 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON MZ
FWHM 33.0°
Efficiency 93 %
Peak intensity 3.060 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NFMW48xA
FWHM 36.0°
Efficiency 93 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NV4x144A
FWHM 48.0°
Efficiency 90 %
Peak intensity 1.480 cd/lm
LEDs/each optic 1
Light colour White
Required components:

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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